

**ZAGORIN, O'BRIEN & GRAHAM, L.L.P.***Intellectual Property Attorneys*7600B N. CAPITAL OF TEXAS HWY, SUITE 350  
AUSTIN, TEXAS 78731**RECEIVED  
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<b>Date:</b> November 30, 2004	<b>Pages:</b> 14 (including this sheet)
<b>From:</b> Mark Zagorin	<b>Senders Phone No.:</b> (512) 338-6300 <b>Senders Fax No.:</b> (512) 338-6301

***REGARDING:***

<b>Title:</b>	MEMORY AND APPARATUS FOR POWERING DOWN THE CPU/MEMORY CONTROLLER COMPLEX WHILE PRESERVING THE SELF REFRESH STATE OF MEMORY IN THE SYSTEM		
<b>Application No.:</b> 09/584,301	<b>Filed:</b>	May 31, 2000	
<b>Examiner:</b> Thang H. Ho	<b>Group Art Unit:</b>	2188	
<b>Atty. Docket No.:</b> 1001-0119	<b>Confirmation No.:</b>	3171	

**ATTACHED HERETO:**

- (1) Transmittal Sheet (2 pages)
- (2) Response to Non-Final Office Action (11 pages)

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**ZAGORIN, O'BRIEN & GRAHAM, L.L.P.**7600B N. CAPITAL OF TEXAS HWY, SUITE 350  
AUSTIN, TEXAS 78731-1191

INTELLECTUAL PROPERTY ATTORNEYS

512-338-6300 (TEL)  
512-338-6301 (FAX)

INTERNET: www.ip-counsel.com

November 30, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**TRANSMITTAL SHEET**Applicant: Frank P. Helms  
Title: MEMORY AND APPARATUS FOR POWERING DOWN THE CPU/MEMORY  
CONTROLLER COMPLEX WHILE PRESERVING THE SELF REFRESH STATE  
OF MEMORY IN THE SYSTEMApplication No.: 09/584,301  
Atty. Docket No.: 1001-0119Filed: May 31, 2000  
Client Ref. No.:

Dear Sir:

Transmitted herewith are the following documents in the above-identified application:

- ☒ Response to Non-Final Office Action (11 page(s))  
☐ Petition for Extension of Time ( month) ( page(s))  
☐ Information Disclosure Statement ( page(s)), including PTO Form 1449  
( page(s)), and copies of reference(s)  
☐ Other: ( page(s))  
☐ Other: ( page(s))  
☐ Other: ( page(s))  
☒ Transmittal Letter (2 pages);  
☐ Return postcard;

The Total Fee has been calculated as shown below:

	Pending Claims	Claims Previously Paid	Extra Claims	Fees
Total Claims	29	- 34 =	0 x \$18.00 =	0.00
Independent Claims	7	- 7 =	0 x \$88.00 =	0.00
Multiple Dependent Claims (if any) - \$300.00 fee				
Additional Claims Fee				\$ .00
Fee For Extension Of Time				
Other Fees: ( )				
TOTAL FEE DUE:				\$ .00

- ☐ Applicant is, or has established status as, a small entity.  
☐ A check is enclosed for the Total Fee shown above.  
☐ Please charge the Total Fee shown above to Deposit Account 50-0631.  
☒ The Commissioner is hereby authorized to charge any additional fees under 37 C.F.R. § 1.16 or 1.17 which may be required during the pendency of this application, and to similarly credit any overpayment, to Deposit Account 50-0631.

ZAGORIN, O'BRIEN & GRAHAM, L.L.P.

Commissioner for Patents  
November 30, 2004  
RE: 09/584,301  
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<b>CERTIFICATE OF MAILING OR TRANSMISSION</b>	
I hereby certify that, on the date shown below, this correspondence is being	
<input type="checkbox"/>	deposited with the US Postal Service with sufficient postage as first class mail, in an envelope addressed to Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.
<input checked="" type="checkbox"/>	facsimile transmitted to the US Patent and Trademark Office.
<u>Mark Zagorin</u>	<u>11/30/04</u>
Mark Zagorin	Date

EXPRESS MAIL LABEL: \_\_\_\_\_

Respectfully submitted,

*Mark Zagorin*

Mark Zagorin, Reg. No. 36,067  
Attorney for Applicant(s)  
(512) 338-6311  
(512) 338-6301 (fax)

PATENT

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**RECEIVED**  
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NOV 30 2004

Applicant(s): Frank P. Helms

Title: MEMORY AND APPARATUS FOR POWERING DOWN THE  
CPU/MEMORY CONTROLLER COMPLEX WHILE PRESERVING THE  
SELF REFRESH STATE OF MEMORY IN THE SYSTEM

Application No.: 09/584,301

Filed: May 31, 2000

Examiner: Thang H. Ho

Group Art Unit: 2188

Atty. Docket No.: 1001-0119

Confirmation No.: 3171

November 30, 2004

Mail Stop Amendment  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450**RESPONSE TO NON-FINAL OFFICE ACTION**

This paper is responsive to the Non-Final Office Action mailed on September 2, 2004 having a shortened statutory period for response set to expire December 2, 2004. In light of the Amendments and/or Remarks herein, further examination is requested.

- 1 -

response 09 02 04 oa

Application No.: 09/584,301